

TO: CHAIR AND MEMBERS
TRANSPORTATION COMMITTEE

DATE: 2011 March 03

FROM: DIRECTOR PLANNING AND BUILDING

FILE: PL 90400-01

SUBJECT: 2011 COST-SHARE APPLICATIONS FOR CYCLING PROJECTS

PURPOSE: To seek Council's approval for cycling-related funding applications for 2011 cycling projects.

RECOMMENDATION:

1. **THAT** the Committee recommend that Council approve the cycling projects outlined in Section 2.0 of this report for application to TransLink for cost sharing under its Bicycle Infrastructure Capital Cost Sharing program, and to the Province under its Cycling Infrastructure Partnerships Program.

REPORT**1.0 BACKGROUND**

The City provides for cycling infrastructure through the development of Urban Trails, Cycle Roads, and Bikeways in line with the objectives of the *Burnaby Transportation Plan*. These facilities form an integrated system of widened streets, local roads and multi-use paths that will ultimately provide routes across the entire city to facilitate alternative forms of transportation and provide recreational opportunities.

To encourage the development of municipal cycling infrastructure, TransLink provides up to 50% cost-sharing for eligible projects under their Bicycle Infrastructure Capital Cost Sharing (BICCS) program. This year, the City can receive \$163,500 based on population, plus up to \$850,000 based on project merit (in competition with other municipalities).

2.0 APPLICATION FOR FUNDING

It is proposed that a BICCS application be submitted for the following projects:

- Simon Fraser University (SFU) Bike Connector project; and
- Citywide Cross-Bikes.

2.1 SFU Bike Connector

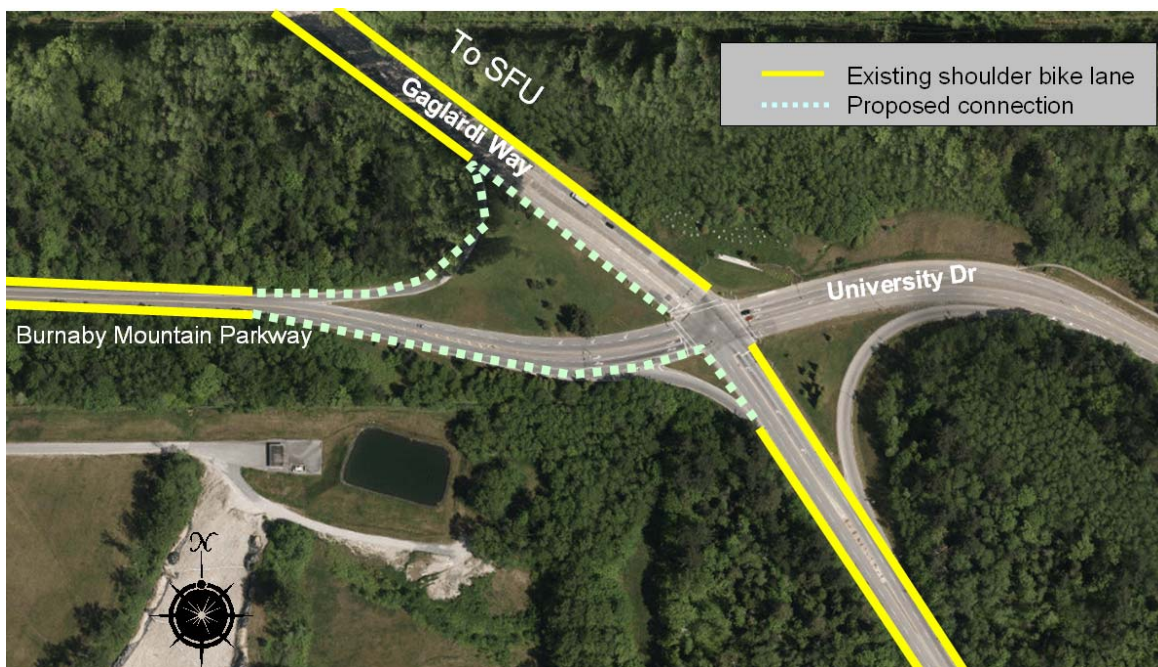
The proposed SFU Bike Connector project completes a critical linkage between existing bike lanes on Gaglardi Way and Burnaby Mountain Parkway. This localized intersection improvement will provide enhanced safety and mobility for cyclists, and reduce conflicts with motorized vehicles. The shoulder cycle lanes are part of an extensive route network that connects SFU with the rest of the City, and beyond. The current proposal, illustrated in *Figure 1*:

- connects the existing shoulder cycle lanes on Gaglardi Way and Burnaby Mountain Parkway;
- fills a gap of 470 metres in the existing cycling network; and
- serves a larger role within the city's and region's cycling network by improving access to a major destination, Simon Fraser University.

The current proposal includes the expansion of the roadway into the median for the southbound to westbound movement to provide a consistent shoulder cycle lane. To accommodate a shoulder lane for the eastbound to southbound movement, it includes a shift of the roadway towards the median. The cost to design and construct this connection is estimated at \$245,000, including pavement widening, new curbs, paint markings, signage, and construction contingency.

Part of the SFU Bike Connector project is located on SFU land. Negotiations are underway regarding cost-sharing with SFU. The results of those negotiations will be reported subsequently, to seek cost-sharing authorization with SFU for their component of the project.

FIGURE 1: Proposed Cycling Connection



2.2 Cross-bikes

Cross-bikes are integrated pedestrian and cyclist street crossings (illustrated in *Figure 2*). Via pavement markings and signage, they permit cyclists to legally cross a street at a cross-walk, without dismounting as would otherwise be required under the BC Motor Vehicle Act.

The City of Burnaby has successfully implemented cross-bikes at several Urban Trail street crossings, including crossings associated with the Central Valley Greenway.

FIGURE 2: Cross-bike at Still Creek Avenue and Gilmore Avenue



This project seeks to provide approximately 20 marked and signed cross-bikes, focusing on two Urban Trails, BC Parkway and the Deer Lake Parkway Urban Trails, that cross a significant number of streets.

The cost to design and implement the proposed 20 cross-bikes for these trails in 2011 is estimated at \$100,000.

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From: *Director Planning and Building*
Re: *2011 COST-SHARE APPLICATIONS FOR
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3.0 FINANCING

A capital funding allocation for these projects is available as part of the Provisional 2011-2015 Financial Plan in the Planning Department's Capital Program for Future Projects – Bicycle Program and Future Projects – Urban Trails. The Capital Program identified that these projects would be financed with gaming funds. The gaming reserve would be reimbursed with the BICCS grant funding of 50% received for these projects.

Additional grant funding is available from the provincial government under their Cycling Infrastructure Partnerships Program (CIPP), which requires the completion of a detailed design prior to application. This allows the City to apply to offset an additional 50% of its remaining project costs. It is therefore proposed that both projects be the subject of a separate application for CIPP funding, upon completion of the detailed design (late 2011).

4.0 CONCLUSION

This report has identified the SFU Bike Connector and Citywide Cross-Bike projects for application to TransLink for cost-sharing. It is recommended that Council approve the submission of these projects as the City's application to TransLink for BICCS funding. The SFU Bike Connector and cross-bike projects would also be submitted to the Province's Cycling Infrastructure Partnerships Program.

A future report would be submitted to seek specific Council authorization for the related expenditures to implement these projects later this year.

B. Luksun, Director
PLANNING AND BUILDING

LL:jc:sa

cc: City Manager
Director Finance
Director Engineering
Director Parks, Recreation and Cultural Services
City Clerk

TRANSPORTATION COMMITTEE

*HIS WORSHIP, THE MAYOR
AND COUNCILLORS*

SUBJECT: 2011 COST-SHARE APPLICATIONS FOR CYCLING PROJECTS

RECOMMENDATION:

1. THAT Council approve the cycling projects outlined in Section 2.0 of this report for application to TransLink for cost sharing under its Bicycle Infrastructure Capital Cost Sharing program, and to the Province under its Cycling Infrastructure Partnerships Program.

REPORT

The Transportation Committee, at its meeting held on 2011 March 09, received and adopted the *attached* report seeking approval for cycling-related funding applications for 2011 cycling projects.

This report identifies the SFU Bike Connector and Citywide Cross-Bike projects for application to TransLink for cost-sharing through their Bicycle Infrastructure Capital Cost Sharing program. These projects would also be submitted to the Province's Cycling Infrastructure Partnership Program.

Respectfully submitted,

Councillor N. Volkow
Chair

Councillor S. Dhaliwal
Vice Chair

Councillor R. Chang
Member

Copied to:	City Manager Director Planning and Building Director Engineering Director Finance Dir. Parks, Rec. & Cult Serv.
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